PEO MUW Distance Support

Presented by

iOra Mobile Intranet

301-590-0734

45 Minute Agenda

- The Bandwidth & Document Problem
- 10,000 foot view – not completely accurate
- 5000 foot view – more accurate
- 1 foot view – accurate
- 1 inch – too accurate
- How iOra is applied
- Customer Success stories
- 4 Easy steps to use
- Questions
- Demo

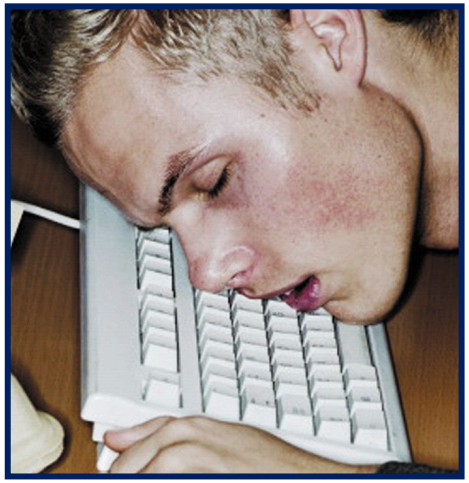
Satellite Bandwidth

Problem

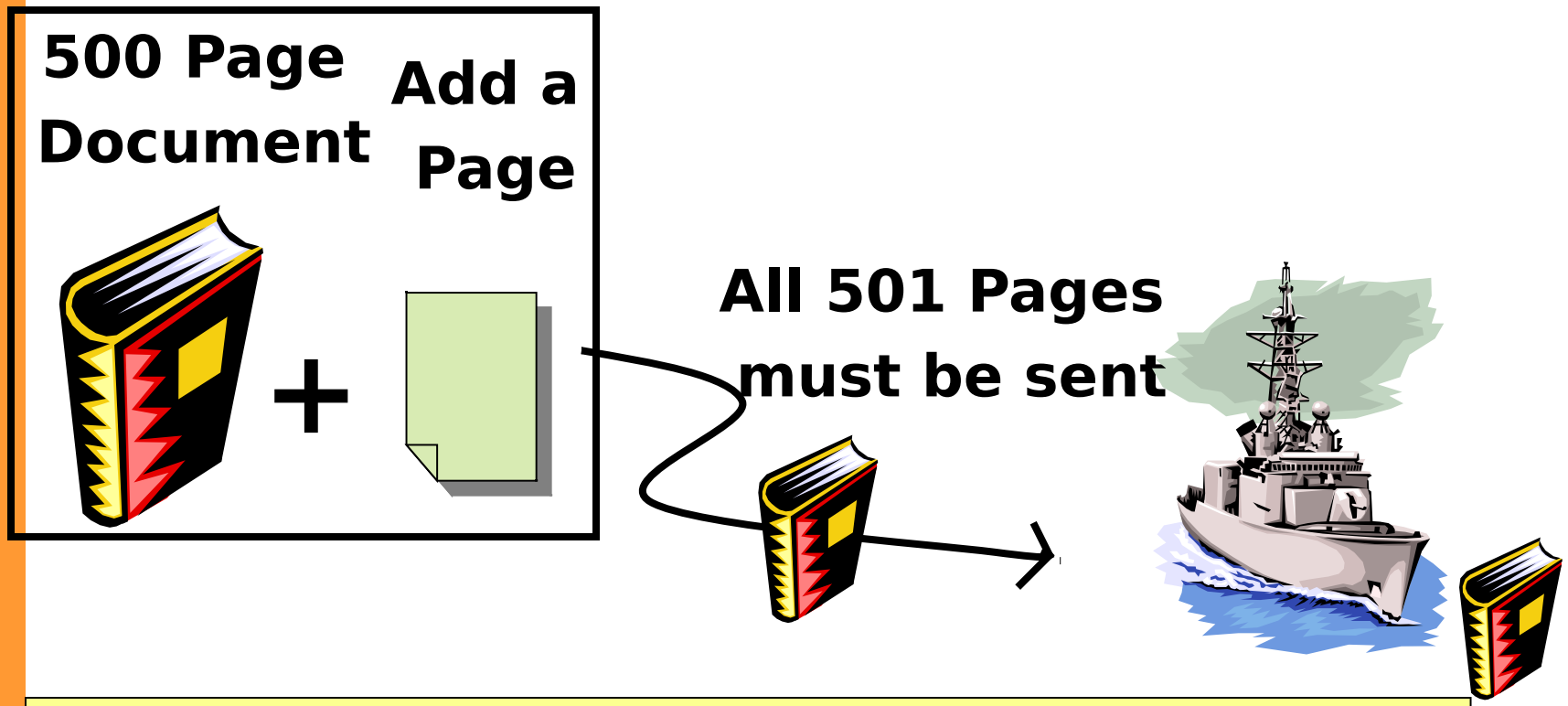
- Satellite bandwidth is never wide enough
- Downloads are too slow

Solution

- Send Less data



Whenever a document is changed, Windows re-date stamps the file

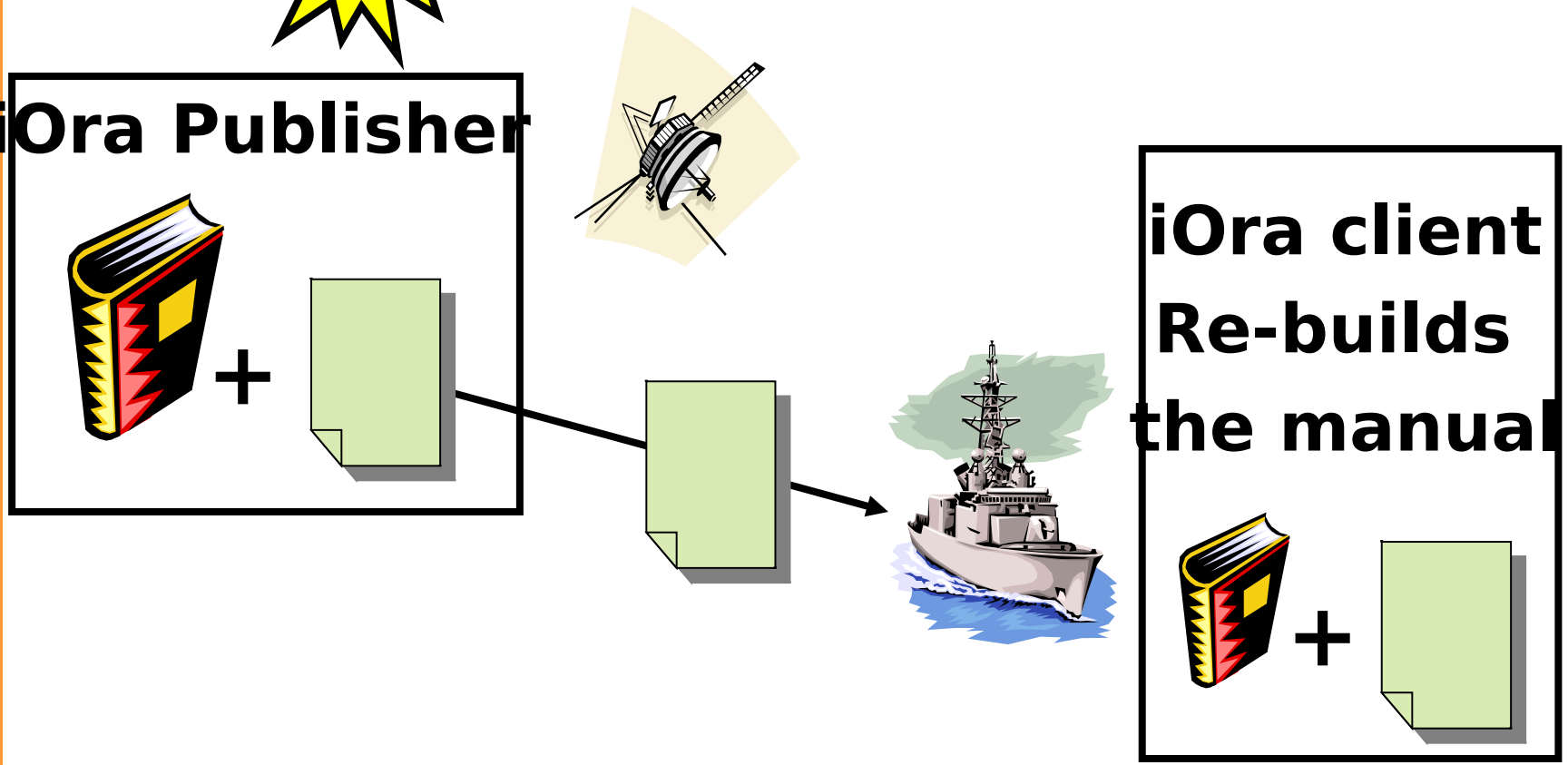


Not Enough Bandwidth to Send Entire Manuals

Why Send 501 pages when there are already 500 pages on the Ship

Don’t send the same data twice

NEW! Epsilon Technology



Only Sending the Changes uses much Less Bandwidth!

How does Epsilon Work?

- Epsilon does not see documents as whole files
- Epsilon sees documents as an Index and a pattern of 256-byte blocks of data

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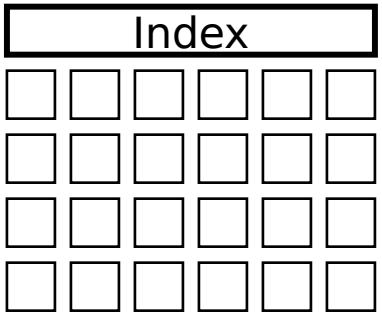
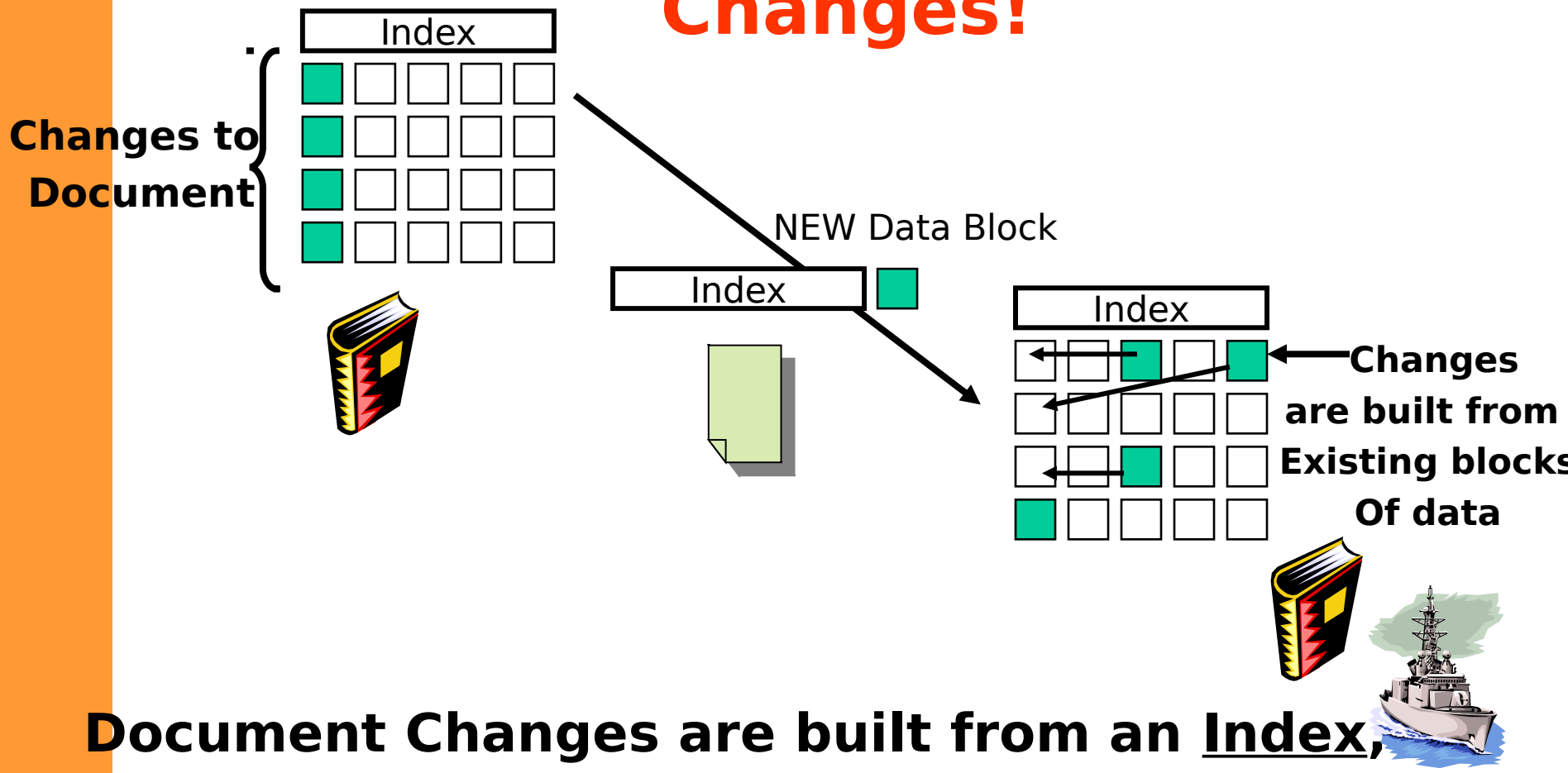


Repair Manual.PDF

What is Unique about Epsilon?

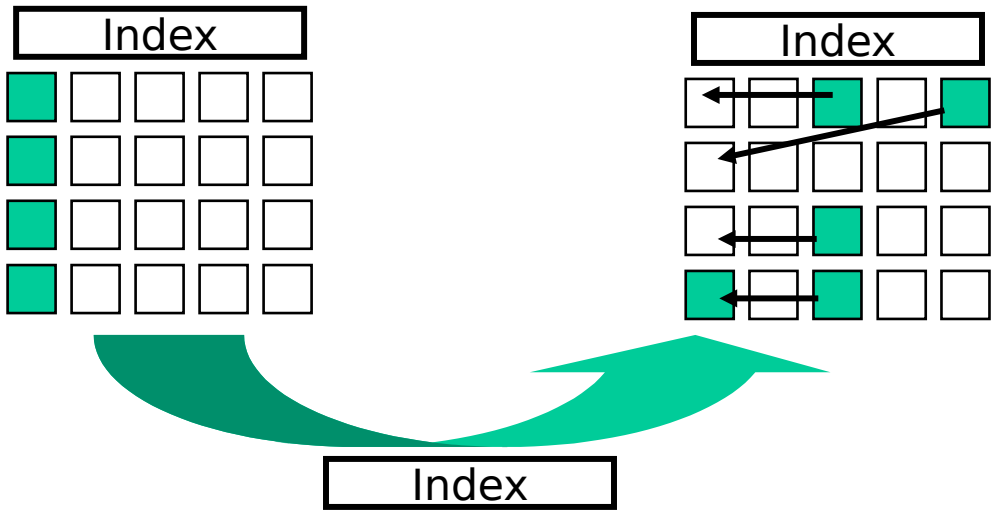
Epsilon sends LESS than the Changes!



Document Changes are built from an Index, NEW blocks of data and Existing blocks of Data!

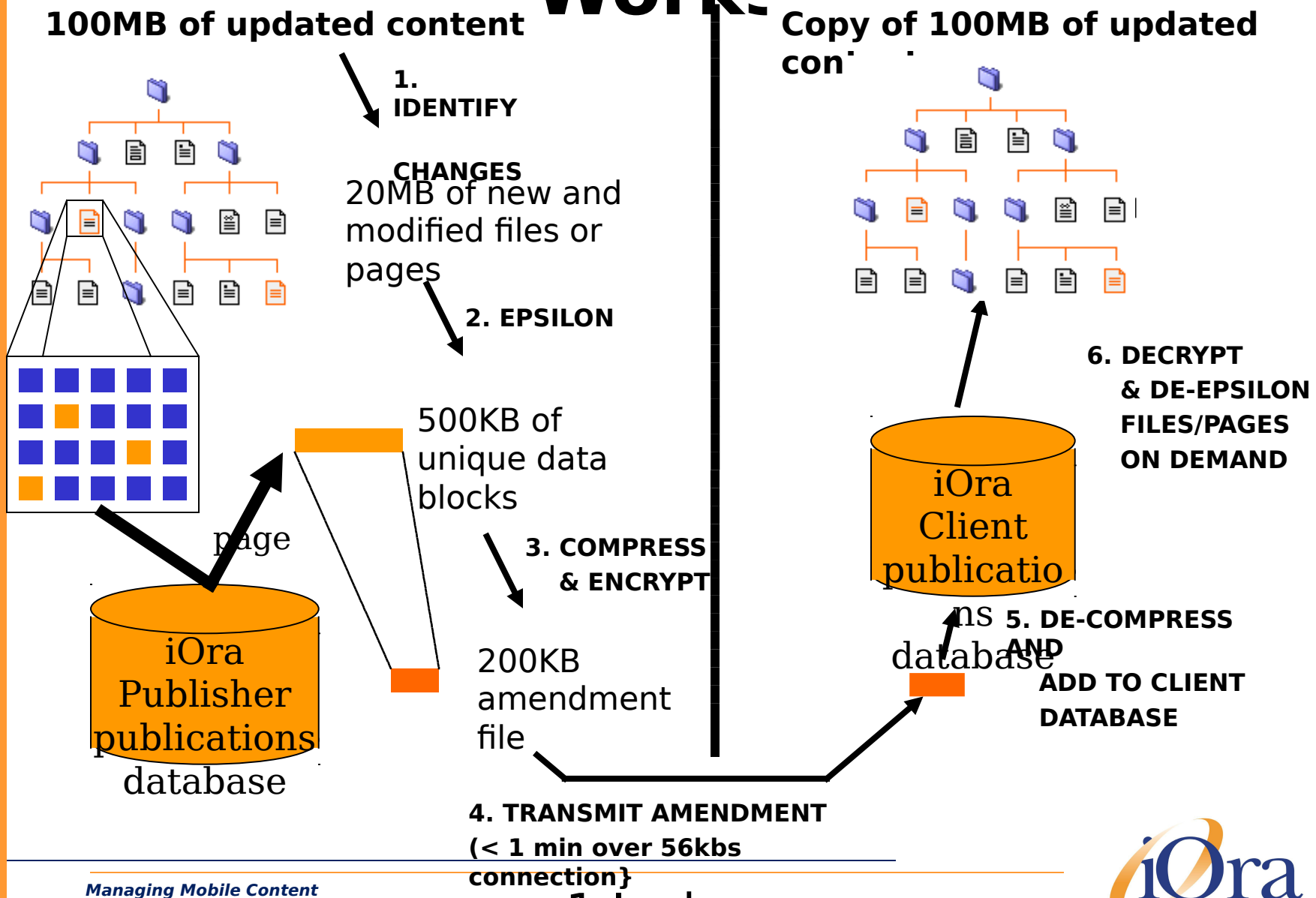
Epsilon is Efficient!!

Epsilon Downloads are 10 to 100 times Smaller!



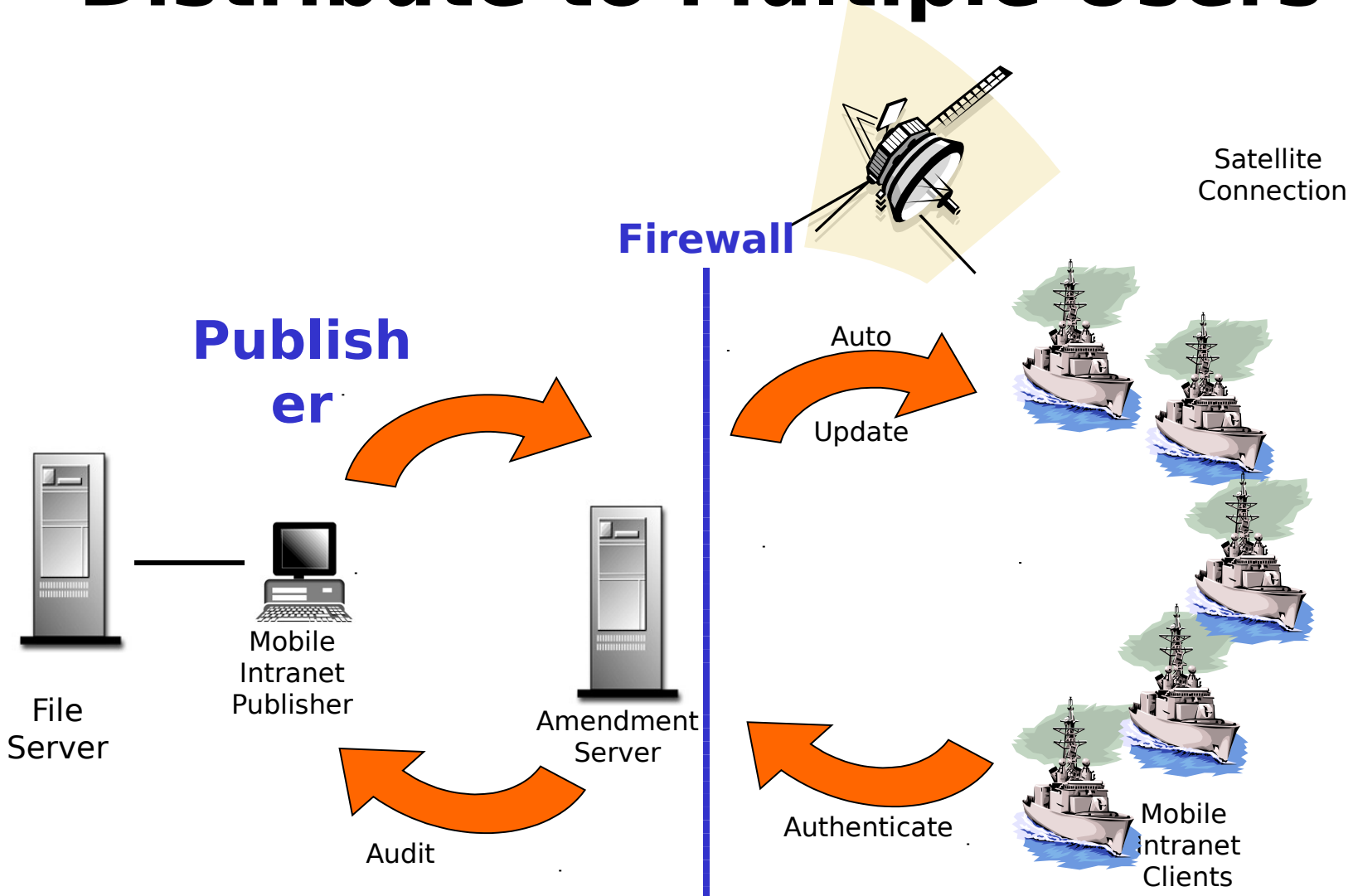
NEW Pages Can be built from Existing Blocks of Data!

Example of how Epsilon Works

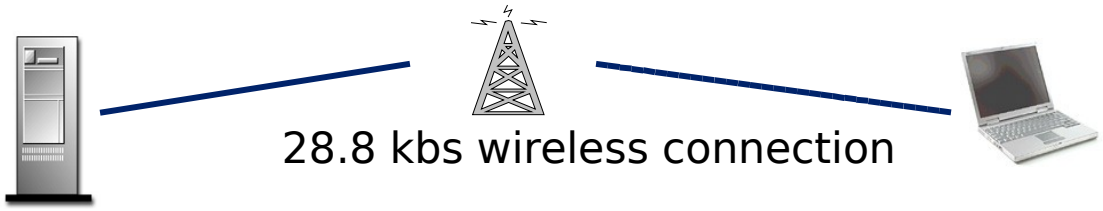

100MB of updated content
1. IDENTIFY CHANGES
20MB of new and modified files or pages
2. EPSILON
500KB of unique data blocks
3. COMPRESS & ENCRYPT
200KB amendment file
4. TRANSMIT AMENDMENT (< 1 min over 56kbs connection}
page
iOra Publisher publications database
Copy of 100MB of updated con
iOra Client publicatio
ns database
5. DE-COMPRESS AND ADD TO CLIENT DATABASE
6. DECRYPT & DE-EPSILON FILES/PAGES ON DEMAND

1 Inch

Distribute to Multiple Users



Wireless Performance Results



4 PowerPoint presentations

59.3 MB — 6 hrs.

ε 78 KB — 28 sec. — **779 x faster**

2 Access databases

7.4 MB — 44 min.

ε 56 KB — 20 sec. — **135 x faster**

3 PDF documents

35.4 MB — 3.5 hrs.

ε 123 KB — 44 sec. — **295 x faster**

Works with Any Type of Document

Microsoft Office

Word Documents

Excel Spread Sheets

Power Point

Access Databases

Adobe Acrobat

PDF Documents

HTML

XML

Custom Applications

autodesk

AutoCAD

Lotus software

.domino

Maintenance Manuals

Finance Documents

Orders

Maps

Photos

ORACLE

Databases

Customers

US Geological Survey –Customer's internet connections time out when using database on web: Distribute200 MB Coal Mine Database on CD, users download Amendments from web

British Telecom – Distribution of Intranet content to sales staff in supporting Siebel CRM system: Sales productivity, increase ROI on IT investments

Bacardi – Sales force: Consistent managemen and distribution of large volumes Of multi-media content
– consistent messaging to customers

United Nations – World wide information: Offline access to critical data: wireless updates to remote locations

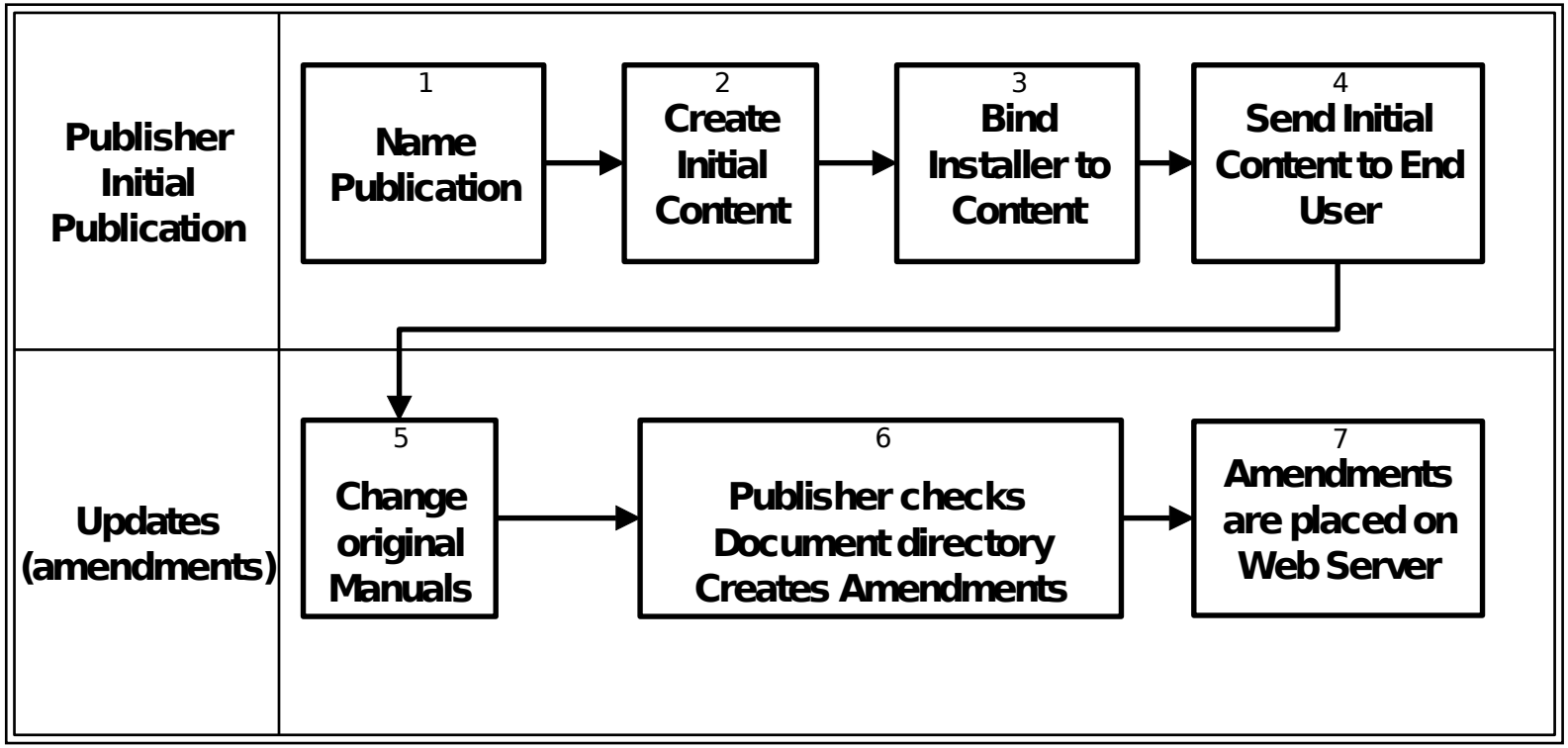
Customers

Shell – Health and safety on tankers: Offline access to critical data at remote sites: Faster Satellite updates

Lloyds – Shipping registry database remote international locations: Frequent updating of shipping schedules / data for mobile workers

HP – Consultant support (Microsoft Service Organisation): Increased consultant productivity through offline SharePoint Portal Server intranet, less down-time, increased customer service

4 Easy Steps to Publish
3 Easy Steps to Create Amendments



iOra Mobile Internet Conclusion

- Only sends changes unique to entire document
- Compress and encrypt the results
- Transparent updates without human intervention
- Decrease transferred file transfer to less than 1/100 of original size
- File Based or Intranet Based

iOra Paid for itself in one Month! – Alaska Tanker